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ALBUQUERQUE BRANCH

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GEOMORPHOLOGY: SYSTEMATIC AND REGIONAL
O. J. von Engel, The Macmillan Co. 1942.

The term "geomorphology" covers that division of geology which has for its field the surface of the earth as it exists today, or as it would exist if it was not being constantly modified by human agencies. The changes that man achieves when he digs a canal or builds a dam or ploughs a dust bowl are more noticeable than the more subtle changes wrought by nature when a stream is pirated or a mountain range upheaved, partly because they take place so much more rapidly and partly because they have an economic importance to civilization. But nature is incessantly at work. The mills grind slowly, but exceeding small.

The present work is an advanced treatise in which the surface of the earth and the natural influences operating upon it today are dealt with. It discusses mountain peaks and drainage systems, fault blocks and basaltic palisades, volcanoes and coral reefs, and the difference in regularity of the Atlantic and Pacific coast lines. The work is abundantly illustrated with maps, drawings, and excellent photographs, mostly of well-known geological features of the Southwest. The photographs of the Rainbow Bridge and Yuma, Arizona sand dunes taken from the air are not likely to be quickly forgotten.

ANIMAL HUSBANDRY

Effect of amount and kind of protein in swine feeding. Nev. Agr. Exp. B-164.
Experiments with inbreeding swine and sheep. Minn. Agr. Exp. Sta. B-364. 1943.
Fattening steers on milo grain in the southern great plains. USDA. TB-847.
Feed consumption by livestock 1910-41. Relations between feed, livestock, and food at the national level. USDA. Circular No. 370. 1943.
Food for freedom by better range-conservation practices in the Pacific Northwest. USDA. MF-514. 1943.

How to choose commercial feeds. Mo. Agr. Exp. Sta. Circular No. 245.

LIVESTOCK MANAGEMENT. J.S. Coffey & L. L. Jackson. Libpincott Co. 1940.

A good up-to-date text on livestock production. It represents an assembly of facts, principles, and points of view of the livestock industry to be used in helping individuals face the many problems in this extremely important part of the nation's business.

Meeting wartime beef production goals. Okla. Agr. Exp. Sta. C-112.
More beef from the same number of cattle on Nevada ranches. Nev. Agr. Exp. B-162.
Nutrition in relation to the utilization of range forage. W. Va. Agr. Exp. PB-910.
Rations for livestock and poultry. Mo. Agr. Exp. Circular No. 249.
Selection and care of the farm sheep-flock. Mich. Agr. Exp. B-242.
Skin folds in sheep. Utah Agr. Exp. Sta. Bulletin No. 307

CROPS

The classification of cotton. USDA MP-310. May, 1938.
Experiments with Irish potatoes: time of planting; seed sources; varieties; irrigation: fertilizers; time of harvest; and storage of the spring crop. Okla. Agr. Exp. TB-18. 1943.
Peanut production costs and income in Oklahoma in 1942. Okla. Agr. Exp. Sta. Bulletin No. B-267. 1943.
Seed rot and seedling blight of sorghum. USDA TB-839. June, 1943.

FARMING

ENCHANTED ACRE; adventures in backyard farming.. Gove Hambidge. McGraw-Hill Co. Farming for greater production of war crops in the intermountain and Southwestern country. USDA MP-517. April, 1943.
Following the contour. Iowa Agr. Exp. Sta. Bulletin P-53. 1943.
MODERN AGRICULTURE, BASED ON "ESSENTIALS OF THE NEW AGRICULTURE". by Henry Jackson Waters, W. E. Grimes and E. L. Holton. Ginn & Co. 1940.

FARM MACHINERY

PUMPS: TYPES, SELECTION, INSTALLATION, OPERATION, AND MAINTENANCE. Frank A. Fristal, and F. A. Annett. McGraw-Hill, 1940.
A useful book for everyone interested in pumping problems. Considerable space has been given to description of the types and designs of pumps available and to the applications for which they are suited.

DAIRYING

Mastitis of dairy cows. Utah Agr. Exp. Sta. Circular No. 118. April, 1943.
MILK AND MILK PRODUCTS: PREPARED FOR THE USE OF AGRICULTURE COLLEGE STUDENTS. Clarence H. Eckles and others. McGraw-Hill Co. 1943.
Dairy science has made important advances with each succeeding year and the industry has adopted a number of the principles set forth by investigators. Some of the more definitely established facts and accepted practices are included in this new text book.

FERTILIZERS

Preparation and use of artificial manures. Mass. Agr. Exp. Sta. Bul. 395. 1942.
Soil fertility control for greenhouses. Mich. Agr. Exp. Sta. Bul. 325.
A useful chart for teaching the relation of soil reaction to the availability of plant nutrients to crops. Va. Agr. Exp. Sta. Bulletin No. 136. 1937.
The value of farm manure. Mo. Agr. Exp. Sta. Circular No. 248.

FOOD-PRESERVATION AND STORAGE

Dehydration of fruits and vegetables and utilization of dehydrated products. Georgia Exp. Sta. Bulletin No. 225. Feb. 1943.
FOOD ANALYSIS: TYPICAL METHODS AND THE INTERPRETATION OF RESULTS. A. B. Woodman. McGraw-Hill. 1941.
Home storage of vegetables and fruits. USDA. FB-1939. May, 1943.
Methods of curing lamb for farm family use in Oklahoma, Okla. Exp. Sta. TB-No. T-17. Feb. 1943.

FORESTRY

The composition of paper and paperboards manufactured in 1939. USDA Circular No. 668. April, 1943.

Mycorrhizae and phosphorus nutrition of pine seedlings in a Prairie soil nursery. Iowa Agr. Exp. Sta. Research Bulletin No. 314. April, 1943.

Woodlands in the farm plan. USDA FE-1940. May, 1943.

LATIN AMERICA

LATIN AMERICA. Preston E. James. Lothrop, Lee and Shepard Co. 1942. People and land are the basic elements of the story. A human society is not understandable unless it is considered in relation to the land it occupies; nor is the significance of the land with respect to human settlement determined without reference to the varying kinds of human societies. The subject matter is arranged by countries, with four principal characteristics summarizing the conditions of the people and the land: Relatively small population; Population pattern one of isolated clusters; Racial and cultural diversity of the Latin-American people; Diversity of the physical conditions of the land.

MEXICO: THE MAKING OF A NATION. Hubert Herring. Foreign Policy Assoc. 1942. BY PAN AMERICAN HIGHWAY THROUGH SOUTH AMERICA. H. C. Lands. D. Appleton-Century Co. 1942.

A description of travel through South America by the Pan American Highway, with photographs by the author.

PERSONNEL

POSITION-CLASSIFICATION IN THE PUBLIC SERVICE. A report submitted to the Civil Service Assembly by the Committee on Position-Classification and pay plans in the Public Service. Ismar Earuch, Chairman. Civil Service Assembly. Chicago, 1942

TRAINING AND RECRUITING OF PERSONNEL IN THE RURAL SOCIAL STUDIES. Prepared for the committee on rural social studies of the American council on education. Theodore W. Schultz and L. W. Witt. American Council on Education. Washington, 1941

POULTRY

Brooding and rearing chickens. Calif. Agr. Ext. Circular 127. April, 1943.

Home-made electric brooders. Oregon Agr. Exp Circular 146, 1943.

POULTRY ENTERPRISES. Sherman Dickinson and H. A. Lewis. Lippincott, 1931.

A general text attempting to cover the entire enterprise of poultry raising from getting started in poultry raising to marketing, including keeping financial accounts.

A program for rearing healthier chickens. New Mex. Agr. Exp. Sta. Press Bul. 971.

Selecting breeding stock for broiler production. USDA Leaflet No. 233.

TURKEY MANAGEMENT. Stanley J. Marsden & J. H. Martin. The Interstate. 1939.

The publication of a full-sized book devoted entirely to the various phases of turkey growing would seem to indicate the turkey industry has come of age. The present-day farmer who decides to go into the business of growing a small or large number of turkeys is indeed fortunate to have at his elbow a book of this sort, for in it he will find the answer to most of his questions.

VEGETABLE GARDENING

BEAN CULTURE. L. V. Hardenburg. The Macmillan co. 1927.

CAULIFLOWER AND BROCCOLI CULTURE; principles and practices involved in the growing and marketing of these important vegetables including soil and climatic requirements soil management, plant growing, pest control, marketing, yields and values, production costs, varieties, and seed growing. A. G. B. Bouquet. Orange Judd Co. 1929.

Experiments with vegetables at the Conservancy District Substation. New Mexico Agr. Exp. Sta. Bulletin 302. March, 1943.

Growing peas for canning and freezing. USDA FB-1920. December, 1942.

Head-lettuce tests. N. Mex. Agr. Exp. Sta. Bulletin 301. March, 1943.

A key to pea varieties. USDA Circular No. 676 May, 1943.

PRACTICAL TOMATO CULTURE. F. C. Pellett. De La Mare Co. 1930

The purpose of this little book is to provide, in convenient form, the information necessary to success with tomatoes under a great variety of conditions. The authors discuss origin and development, varieties, culture, insects and diseases, picking, selling and utilization of the tomato.

SWEET POTATO PRODUCTION AND HANDLING. H. C. Thompson. Orange Judd Co. 1929.

THE VEGETABLE GROWING BUSINESS. R. L. Watts and G. S. Watts. Orange Judd, 1943.

Although the volume is written for the student and the commercial grower, gardeners of small plots will find invaluable directions as well as clear interpretations of underlying principles. In direct, simple language it discusses all phases of the subject, explains technical and scientific terms and tells clearly the how and why of all processes.

PLANTS

The composition of summer range plants in Utah. Utah Agr. Exp. Sta. Bulletin No. 305. December, 1942.

Contribution to the morphology and anatomy of Guayule (*Parthenium argentatum*).

USDA. Technical Bulletin No. 842. April, 1943.

Fiber of native plants in New Mexico. New Mexico Agr. Exp. Sta. Bul. 300. Feb. 1943.

Poison ivy. Utah Agr. Exp. Sta. Circular No. 119. April, 1943.

LAND USE

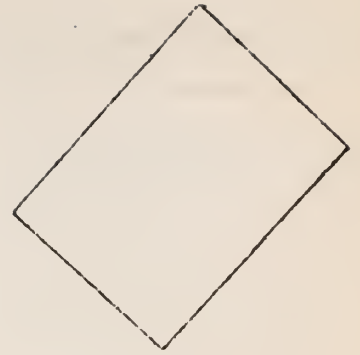
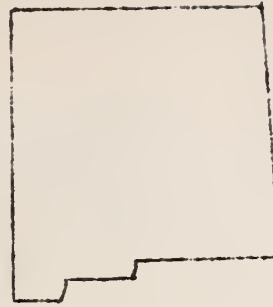
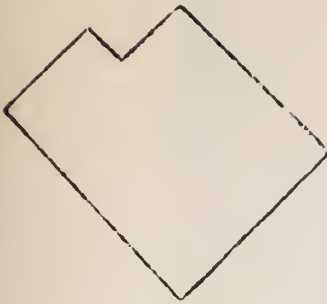
Agriculture's postwar job. The world, when peace comes, will need help from the greater producer nations, of which we are one. The magnitude of the job is indicated by the maps and figures, contrasting Axis-looted lands with war-torn regions of the first world war. Ex-Governor H. H. Lehman. From: COUNTRY GENTLEMAN. June 1943.

Better management brings back the ranges. A. L. Johnson. From: SOIL CONSERVATION. June, 1943.

Post-war agriculture problems in Utah defense area studied. Military and industrial developments create necessity for adjustments in agricultural program. W. P. Thomas and G. T. Elanch. From: FARM & HOME SCIENCE. June, 1943.

Utilization of irrigable land in the reservation area of Uinta Basin, Utah. Utah Agr. Exp. Sta. Bulletin No. 303. March, 1943.

KNOW YOUR REGION



ARIZONA: A STATE GUIDE. Federal Writers' Project. 1940

COLORADO: A GUIDE TO THE HIGHEST STATE. Federal Writers' Project. 1941.

NEW MEXICO: A GUIDE TO THE COLORFUL STATE. Federal Writers' Project. 1940.

UTAH: A GUIDE TO THE STATE. Federal Writers' Project. 1941.

The wide-open spaces, the colorful history, the natural resources in agricultural lands, mines and forests, and the industries of the cities and towns of the Southwest are presented in readable form in these books prepared by the Federal Writers' project. Photographs of characteristic places and activities add to the interest and value of the books.

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